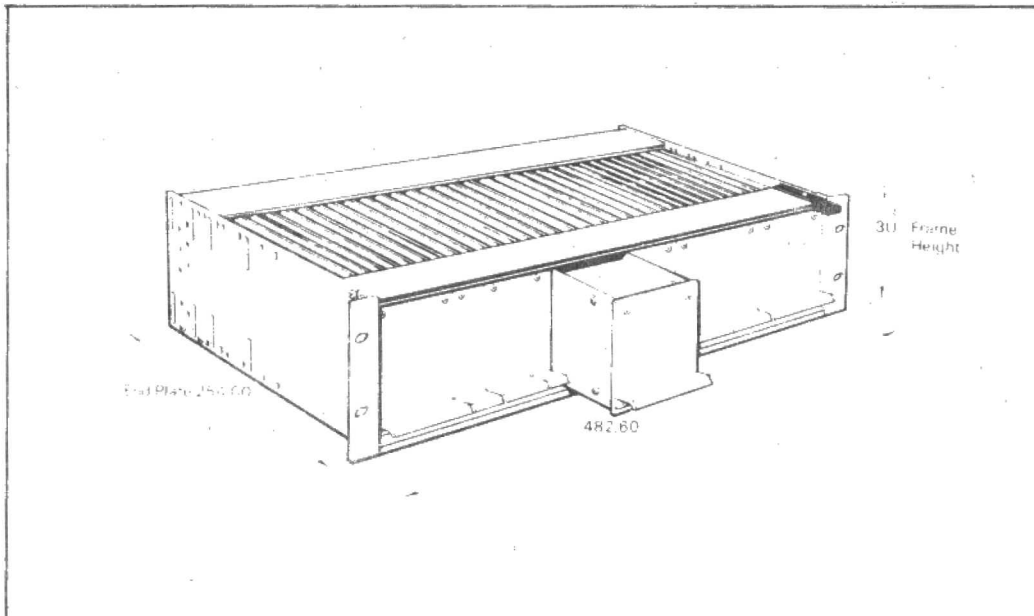


Card Frame (Sub Rack) New Type

This anodised aluminium card frame mounts in a standard 19" Case and features:

1. International rack mounting 482.6 mm (19") wide.
2. 3U high 133.35 mm (5.25").
3. Card pitch 12.7 mm (0.5"), suits 1" Interak pitch.
4. Standard plug-in card length 203 mm (8").
5. Modules available.
6. Simple edge connector mounting arrangements.
7. Supplied flatpack (unassembled), for easy assembly using only a screwdriver.
8. All cards, front panels, and modules located by one push-pull special locking handle.

(The illustration below shows a general industrial application for this frame, but note that the Interak system needs far fewer modules and guides than are shown.)



Basic frame comprises:

- 2 End plates.
- 2 End plate angles.
- 4 Guide mounting extrusions including special built in locking assembly.
- 4 Guide spacer strips.
- & Necessary fastenings.

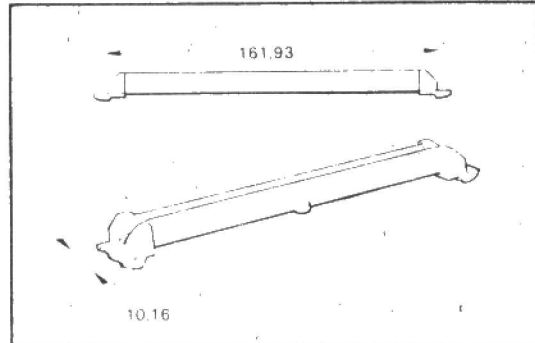
(Note Connector mountings, card guides front panels, modules etc., must be ordered separately.)

Order as: Interak 3U Card Frame.

Card Guides

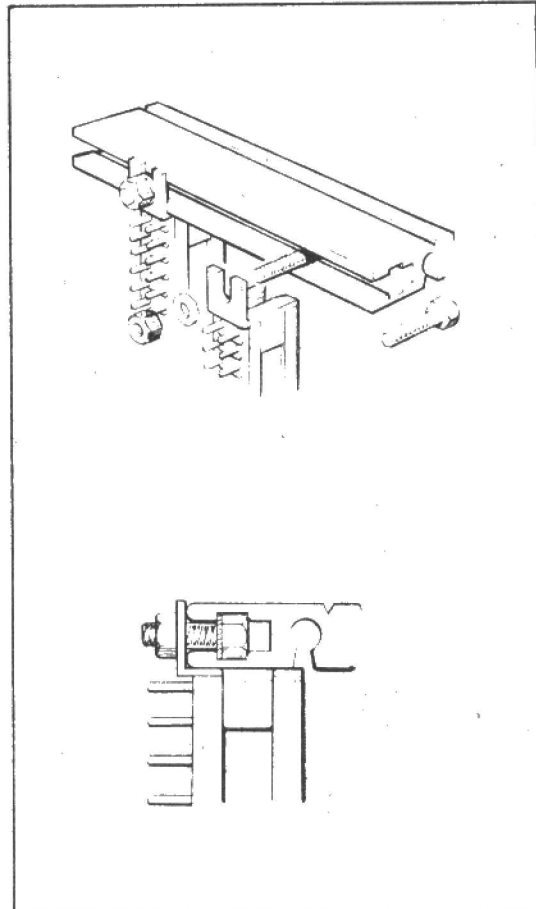
These guides are fitted into the assembled card frame by inserting one end of the guide into the appropriate guide location strip and springing the other end into the opposite guide location strip. Two card guides are needed per card, and 4 for the 4" module.

Order as: Interak Card Guide.

Edge Connectors

The edge connectors are bolted into the rack (see next page for details), and usually interconnected by the ISBUS mother board. The connector type to suit the current and future Interak cards is a double sided 43-way 0.1" pitch edge connector socket, although in fact one position (no. 37) is lost on each row for polarisation and card location purposes.

Order as: 43-way D/S W/W Edge Connector.

Connector Mounting

Individual connectors are secured using M3 x 6 mm long hexagonal head bolts, nuts and serrated washers. (See illustration.) Sold in packs of 10 bolts, 10 washers, and 10 nuts.

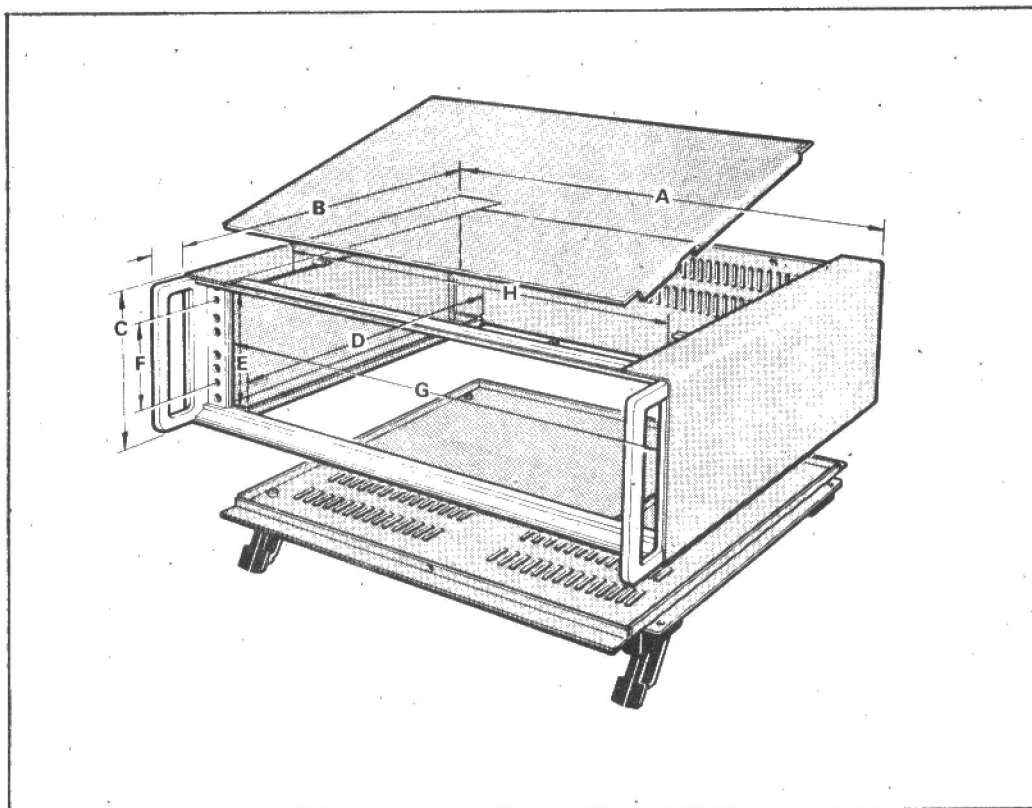
Order as: Edge connector fixings.

Case

This is an extremely attractive steel and aluminium 3U 19" metal case, finished in epoxy textured RAF blue-grey. It has a removable top cover and rear panel and four moulded insert non-skid feet.

The front feet are folding and can be used to lift the case front to a convenient angle. There are ventilation slots at the front of the bottom panel and at the top of the rear panel. (The illustration below shows the case fitted with front handles, which are available as an optional extra.)

The case suits all the common types of 19" x 3U card frames, including the Interak card frame.



Dimensions:

A 493.8 mm	B 317.5 mm	C 154.3 mm
D 287.0 mm	E 133.4 mm	F 133.4 mm
G 488.3 mm	H 415.0 mm	

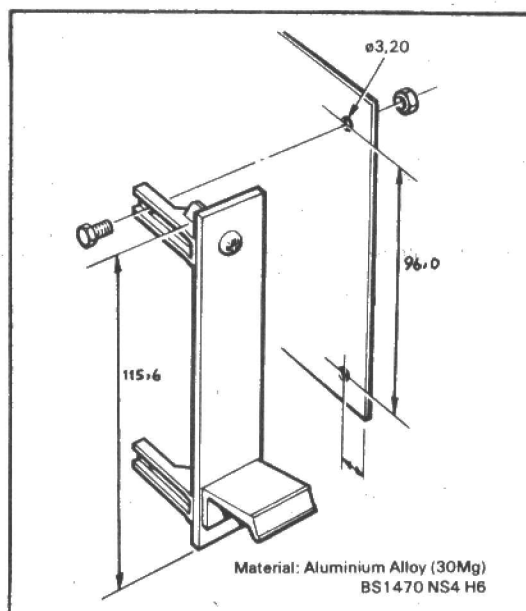
Order as: "Deluxe 3U metal case".

Optional handles order as: "Deluxe 3U case handles".

Card Front Kits (New Type)

These kits consist of an anodised aluminium front panel and handle, with plastic brackets and the necessary nuts and bolts. Available in 1" or 2" widths.

Order as: 1" Card Front (New Type) or 2" Card Front (New Type).

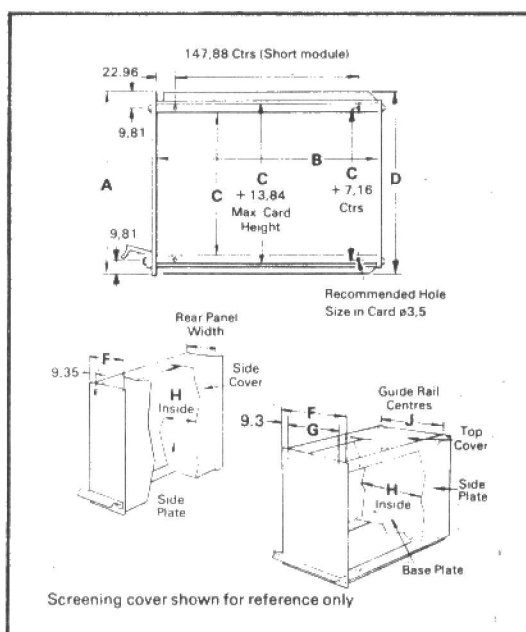
4" Module Kit (New Type)

This is often used for mounting the power supply in a system. Supplied unassembled. The kit consists of front panel, handle, guide rails and rear panel, plus necessary fastenings. Screening covers and base plate are available to special order, as are different width modules.

Dimensions (in mm):

A 115.67	B 193.80
C 89.41	D 114.3
F 101	G 80.26
H 87.12	J 88.90

Order as: 4" Module (New Type).



Extender Card

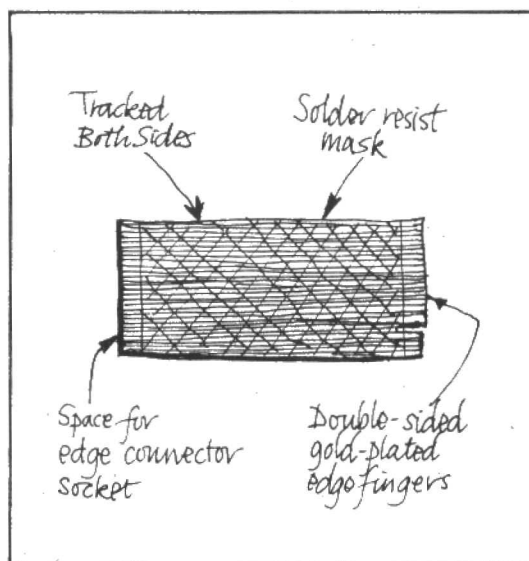
This card extends the bus to outside the front of the card frame, and is invaluable for setting up or testing a card. (Note that the signals on a high speed bus may be adversely affected when the extender card is added, so some allowance must be made for this when testing.)

The connector is sold separately in case users want to alter the length of the extender card before mounting the connector.

Dimensions etc.:

10" x 4.5" x 0.062", epoxy glass base material, double sided gold plated contacts, tinned tracks, with solder resist mask.

Order as: Interak Extender Card.

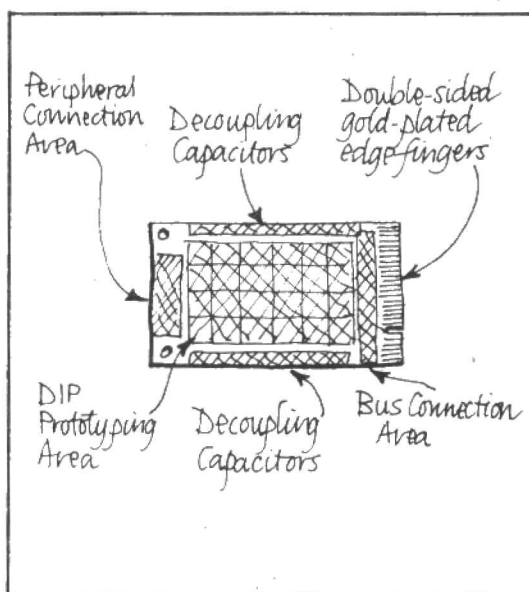
DIP-1 Prototyping Card

This has been designed especially for use in the Interak System. It will accept combinations of 0.3" and 0.6" dual-in-line package (DIP) integrated circuits. (Capacity at least 24 16-pin types, or 15 24-pin types). A universal connection area has been designed to take a number of different connectors, e.g. ribbon cable type, DIP headers, DIN 41612 connectors, etc. Special provision has been made for neat and tidy installation of a dozen or more decoupling capacitors, i.e. one every couple of I.C.s.

Dimensions etc.:

Size 8" x 4.5" x 0.62"; epoxy glass material, drilled, tinned tracks, double sided gold plated edge connector.

Order as: Interak DIP-1.



(Prices revised February 1984)

Hardware Price List

(The list below is presented in the same order as the items appear in the leaflet):

Interak Card Frame.	(each)	27.29
Card Guides.	(each)	0.24
43-way D/S W/W Edge Connector.	(each)	3.75
Edge Connector Fixings	(pack of 10)	0.64
3U Deluxe Metal Case, Standard Trim	(each)	45.24
3U Deluxe Metal Case, With Handles	(each)	47.83
1" Card Front Kit (New Type).	(each)	2.99
2" Card Front Kit (New Type).	(each)	3.92
4" Module.	(each)	16.75
Interak Extender Card.	(each)	10.75
Interak DIP-1 Prototyping Card.	(each)	9.75

Prices exclude VAT. Add a single 50p handling charge to the total of your order, then add VAT. Other than the handling charge mentioned there is no minimum order charge or further charge for postage and packing.